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UTILITY PATENT APPLICATION TRANSMITTAL

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(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) Х Computer Program (Appendix) (Submit an original, and a duplicate for fee processing) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 8. See 37 CFR 1.27. (if applicable, all necessary) x | Specification Computer Readable Form (CRF) [Total Pages (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the invention Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or Paper Statement Regarding Fed sponsored R & D
 Reference to sequence listing, a table, Statements verifying identity of above copies C. or a computer program listing appendix Background of the invention **ACCOMPANYING APPLICATION PARTS** Brief Summary of the Invention - Brief Description of the Drawings (if filed) Assignment Papers (cover sheet & document(s)) - Detailed Description Claim(s) 37 CFR 3.73(b) Statement Power of 10. - Abstract of the Disclosure (when there is an assignee) 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 19 11. English Translation Document (if applicable) Information Disclosure Copies of IDS 5. Oath or Declaration [Total Sheets 12. Statement (IDS)/PTO-1449 Citations 13. Newly executed (original or copy) Х Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) 14. х (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). named in the prior application 16. see 37 CFR 1.63(d)(2) and 1.33(b). Applicant must attach form PTO/SB/35 or its equivalent. Affirmation of Claim for Priority & 17. Х Other: PCT/IB/304; 2nd Preliminary Amendment; 6. X Application Data Sheet. See 37 CFR 1.76 Certificate of Express Mailing 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: X | Continuation Divisional Continuation-in-part (CIP) of prior application No.: PCT/JP02/04881 N/A Not Yet Assigned Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 07278 X Customer Number: Correspondence address below DARBY & DARBY P.C. Name Peter C. Schechter Address P.O. Box 5257 10150-5257 City **New York** NY Zip Code State (212) 753-6237 Country US Telephone (212) 527-7700 Name (Print/Type) Peter C. Schechter Registration No. (Attorney/Agent) 31,662 November #, 2003 Date Signature

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

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on November 7, 2003

Date

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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Specification (42pp); Claims (4pp); Abstract (1pp)

(Figs.1-2, 3a-b, 4-9, 10a-b, 11a-b, 12-14, 15a-d,

16-17, 18a-b, 19a-b, 20-26) (19 sheets)

Preliminary Amendment (6pp) 2nd Preliminary Amendment (4pp)

Affirmation of Claim for Priority & PCT/IB/304

Return Postcard

Application Data Sheet (3 pages)

Utility Patent Application Transmittal (1 page)

Fee Transmittal (1 page) - No FEE ENCLOSED